

ZAJDEL, F.

"Standardization work in the coal industry." p. 81. (Przeład Gorniczy, Vol. 10, no. 3, Mar 54, Stalinogrod)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

ZAJDEL, F.

Standardization difficulties in the coal industry. p. 386.

DZIENNIK URZEDOWY.

Wiadomosci

Warszawa

Vol 22, no 7, July 1955

Source: East European Accessions List (EEAL), LC, Vol 5, no 3, March 1956

ZAJDEL, F.

160 2133. STANDARDIZATION OF COAL IN POLAND IN THE LAST TEN YEARS.  
Zajdel, F. (Gdansk, Poland) (local file)

1977, in: Spier, J. (Gdansk, A.C. 1977, v. 1, p. 108).

BADURA, S. mgr., inz.; ZAJDEL, F., mgr. inz.

Shaft guides in Polish mining engineering and their standardization.  
Normalizacja P 28 No.10:468-474 0 '60

ZAJDEL, Krystyna, mgr

Decomposition of capsules. *Farmacja* Pol 19 no.5:87-88 10 Wr '63.

✓

ZAJDEL, Krystyna

New types of tablets. Farmacja Pol 16 no.18:386-388 S '61.

JAREMA, Michal; ZAJDEL, Maria

Current views on cerebral blood supply disorders in diseases of the heart and lungs. Polski tygod. lek. 16 no.47:1827-1830 20 H '61.

1. Z Kliniki Chorob Nerwowych P.A.M. w Szczecinie; kierownik: doc. dr med. Michal Jarema.

(CEREBROVASCULAR DISORDERS etiol) (LUNG DISEASES compl)  
(HEART DISEASES compl)

ZAJDEL, Maria; KULCZYCKI, Jerzy

A case of pinealoblastoma. Neur. & polska 10 no.4:485-490 J1-Ag '60.

1. Z Kliniki Chorob Nerwowych P.A.M. w Szczecinie. Kierownik: doc.  
dr med. M. Jarema  
(PINEALOMA case reports)



MANDEL, Wladyslaw

Source (in caps); Given Names

Country: Poland

Academic Degrees: [not given]

Affiliation: [not given]

Source: Warsaw, Farmacja Polska, Vol XVII, No 18, 25 September  
1961, pp 386-388

Date: "A New Kind of Tablet ("Press-Coated")."

ZAJDEL, Maria; SKAKONIK, Wilhelmina; FRYZE, Cezary

Studies on the blood balance in patients with apoplexy and non-traumatic subarachnoid hemorrhage. Preliminary communication. Neurologia etc. polska 11 no.1:53-56 Ja-F '61.

1. Z Kliniki Chorob Nerwowych PAM w Szczecinie Kierownik: doc. dr med. M. Jarema,

(SUBARACHNOID HEMORRHAGE blood)  
(CEREBRAL HEMORRHAGE blood)

DYNESEN, Isaac; KOMOROWSKA, Alina; ZAJDLER, Barbara

The problem of mycoses in newborn infants. *Gin. polska* 32 no.2:221-227  
'61.

1. Z I Kliniki Położnictwa i Chorob Kobięcych A.M. w Łodzi Kierownik:  
prof. dr J. Sieroszewski  
(INFANT NEWBORN dis)  
(MYCOSES in inf & child)

ZAGADNIENIA

602 445 5 62 267 774 674 012 471 4

... ..

... ..  
Zagadnienia związane z polepszeniem jakości żywności. Łosy, zwie-  
czajno! Sylwan, No. 4, 1954, pp. 279-293, 9 figs., 5 tabs.

... ..

~~SECRET~~  
2. ~~SECRET~~ ~~DEL. K.~~  
ZACH. KUCZYNSKI, HIS (affiliation not given)

"On the Disintegration of Capsules."

Warsaw, Wschodnia Półka, Vol 19, No 5, 10 March 63, pp 87-88

Abstract: The nature and properties of various types of capsules are discussed in general terms. A method of estimating the disintegration time under simulated physiological conditions is described. The effect of temperature and environment on the disintegration of gelatin capsules is discussed.

Two diagrams and three references. Two of the references are Western.

1/1

ZAJDLER, L. W. TRYLINSKI

Aegary i zegarki mechaniczne oraz urzadzenia zegarowe olekiromechaniczne  
(Mechanical Clocks and Watches and Electromechanical Clock Instruments); a  
book review. p. 44.

POMIARY, AUTOMATYKA, KONTROLA. (Naczelna Organizacja Techniczna)  
Warszawa, Poland. Vol. 5, noi 1, January 1959

Monthly list of East European Accession (EEAL) LC, Vol. 8, no. 7, July 1959

Uncl.

ZAJDLER, Ludwik, mgr.

The astronomical and the atomic standards of time measuring. Pomary 7  
no.12:519-520 D '61.

1. Laboratorium Pomiarow Czasu i Czystotliwosci.

(Time measurements)

ZAJDOWSKA, A.

The small-scale industry at the 27th Poznan International Fair p. 785

PRZEGLAD TECHICZNY (Naczelna Organizacja Techniczna)  
Warszawa, Poland  
Vol. 79, no. 16, August 1958.

Monthly list of East European Accessions Index (EEAI), LC Vol. 4, No. 11  
November 1969  
Uncl.



Zajec, B.

Wages of the piecework system in the brick industry. p. 1646

Tehnika. Beograd, Yugoslavia. Vol. 14, no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

YUGOSLAVIA / Chemical Technology, Chemical Products and Their  
Application. Artificial and Synthetic Fibers.

H-32

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17782

Author : Zajec, B.

Inst : Not given

Title : Manufacture of Nylon Crops

Orig Pub : Tekstil, 1958, 7, No 3, 247-249

Abstract : No abstract given

Card 1/1

H-146

ZAJDLER, L.

"Metrology of Time Discussed at International Conferences", BiuLetyn Gl.  
p. 11, (PRZEGLAD TECHNICZNY, Vol. 75, No. 12, Dec. 1954, Warszawa,  
Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,  
1955, Uncl.

SMIT, S.; STAVIČ, S.; MILETIĆ, B.; DRAKULIĆ, M.; ZAJEC, Lj.

Correlation between the photorestorableness of the lethal effect and the biochemical effects of UV irradiation. Bul sc Youg 7 no.1/2:14 F-Ap '62.

1. Institut "R. Boskovic," Zagreb.

\*

KUCAN, Z.; MILETIC, B.; DRAKULIC, M.; ZAJEC, Lj.

Inhibition of protein biosynthesis, and its effect on the  
biosynthesis of deoxyribonucleic acid after X-ray irradiation.  
Bul so Young 7 no.1/2:13 F-Apr '62.

1. Institut "R. Boskovic," Zagreb.

\*

MILETIC, B.; DENIC, M.; KUCAN, Z.; ZAJEC, Lj.

Effect of ionizing radiations on the metabolism of nucleic acids in  
Escherichia coli. Voj.san.pregl. 18 no.2:143-147 F '61.

1. Institut "Ruder Boskovic" u Zagrebu, Radioloski odjel.

(ESCHERICHIA COLI radiation eff)  
(NUCLEIC ACIDS metab)

KUCAN, Zeljko; MILETIC, Branimir; ZAJEC, Ljerka

Degradation of bacterial desoxyribonucleic acid by the irradiation  
with x-rays. Vojnosanit. pregl. 18 no.10:847-850 0 '61.

1. Institut "Ruder Boskovic" u Zagrebu, Radioloski odjel.

(DESOXYRIBONUCLEIC ACID chem) (RADIATION EFFECTS)  
(BACTERIA chem)

ZGAGA, Vora; MILKTIĆ, Branimir; ZAJEC, Ljerka

Induction of proviruses to viruses by irradiation depending  
on the physiological state of bacteria and the dose of irradiation.  
Bioč glas 16 no.1:1-12 '63

1. Institut "Ruder Bosković", Radiobiološki odjel, Zagreb.



ZAJECKI, E.

The smoothness of the running of the Series E-56 electric unit. p.103.

(PRZEGLAD KOLEJOWY MECHANICZNY. Vol. 9, No. 4, Apr. 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957.

DUBETZ, S.; DUL, F.; ZAJER, J.

Prothesis experiments on cattle. Acta veter Hung 12 no.2:117-126 '62.

1. II. Chirurgische Klinik (beauftr.Leiter: J.Stefanics) der Medizinischen Universität und Chirurgische Ophthalmologische Klinik (Leiter: Dozent A.B.Kovacs) der Veterinärmedizinischen Hochschule, Budapest.

ZAJER, J.; DUBLOZ, S.

On the possibilities of the amputation of extremities of cattle.  
Acta veter Hung 12 no.2:127-137 '62.

I. Chirurgische und Ophthalmologische Klinik (Leiter: Dozent  
A.B.Kovacs) der Veterinärmedizinischen Hochschule und II. Chirurgische  
Klinik (beauftr. Leiter: Dozent J.Stefanich) der Medizinischen  
Universität, Budapest.

ZAJER, J.; DUBECZ, S.; FELNER, F.; SOMOGYVARI, K.

Comparison of experimental amputation procedures in dogs.  
Acta vet. acad. sci. Hung. 15 no.4:375-394 '65.

I. Lehrstuhl und Klinik für Chirurgie und Ophthalmologie  
(Direktor: Prof. A.B. Kovacs) der Veterinärmedizinischen  
Universität und III. Chirurgische Klinik (Direktor: Prof.  
J. Stefanics) der Medizinischen Universität Budapest.  
Submitted December 30, 1964.

ZAJEWSKA, T.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963430007-8"

ZAJEWSKA, T. Hydrogeology of the Warsaw Basin. P. 506 Vol. 4, no. 11  
Warszawa Poland

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

ZAJACZYNSKI, M.

"Oil Additives and the Mechanism of Their Action", (Conclusion) p. 155,  
(MOTR), Vol. 2, No. 6, June 1952, Krakow, Poland)

SO: Monthly List of East European Accessions, (SE/L), LC, Vol. 4, No. 5,  
May 1955, Uncl.

ORLOWSKI, Witold J.; ZAJFEN, Marian; WOJTCWICZ, Stanislaw; RYLA, Jozef

Role of the orbicularis oculi muscle in some atrophic diseases of the skin. Pol. tyg. lek. 19 no.14:499-503 30 Mr '64.

1. Z Oddzialu Chorob Oczu (ordynator: doc. dr. med. W.J. Orlovski)  
z Oddzialu Chorob Skory (ordynator: lek. med. M. Zajfen) i z Pod-  
oddzialu Chirurgii Szezekowej w Warszawie (kierownik: lek. stom.  
J. Ryba).

ZAJFERT, J.;BOCZKOWSKI, D.

Wool scouring in liquors from centrifugal separators. p. 233.

PRZEGLAD WLOKIENNICZY. (Stowaryszenie Inzynierow i Technikow Przemyslu  
Wlokienniczego Loda, Poland, Vol. 13, No. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1959.  
Uncl.

FIALKOWSKI, G.; ZAJGNER, J.

Sorbitol as a drug for gallbladder function tests. Pol. tyg.  
lek. 18 no.25:907-908 17 Ja '63.

1. Z Zakladu Radiologii Lekarskiej WAM; kierownik: dr med.  
G. Fialkowski.  
(GALLBLADDER) (SORBITOL) (CHOLECYSTOGRAPHY)  
(CHOLANGIOGRAPHY) (PHARMACOLOGY)



ZAJCNER, Jerzy

The "Fonivox" loudspeaker system in the Institute of  
Radiology. Pol. przegl. radiol. 29 no.5:583-585 3-0 '65.

1. Z Zakładu Radiologii Lekarskiej Wojskowej Akademii  
Medycznej w Łodzi. (Kierownik: doc. dr. med. G. Fiałkowski).

CIESLINSKI, Stanislaw; LENKO, Jan; WOCHNA, Zdzislaw; ZAJGNER, Jerzy

Hazard of exposure to ionizing radiations during roentgenological examinations in urology. Pol. tyg. lek. 17 no.32:1257-1262 6 Ag '62.

1. Z Kliniki Urologicznej WAM; kierownik: prof. dr med. Jan Lenko i  
z Katedry Radiologii WAM w Lodzi; kierownik: dr med. Gabryol Fialkowski.  
(RADIATION INJURY) (UROLOGY) (UROGRAPHY)  
(PHYSICIANS) (OCCUPATIONAL DISEASES)

STEIN, Wladyslaw; ZAJGNER, Jerzy

Bilateral symmetrical thinning of the parietal bone with so-called "blue sclera". Neurol., neurochir., psychiat. Pol. 15 no.1:183-185 Ja-F'65.

1. Z Zakladu Radiologii Lekarskiej Wojskowej Akademii Medycznej w Lodzi (Kierownik: doc. dr. med. G. Fialkowski).

BROMOWICZ, Jan; ZAJGNER, Jozef

Pathological vascularization of spongiblastoma multiforme  
in the angiographic picture. Pol. przegl. radiol. 28 no.4:  
291-293 J1-Ag '64.

1. Z Kliniki Neurochirurgicznej Wojskowej Akademii Medycznej  
w Lodzi (Kierownik: prof. dr med. J. Bromowicz) i z Zakladu  
Radiologii i Lakerakii Wojskowej Akademii Medycznej w Lodzi  
(Kierownik: dr med. G. Fialkowski).

FIALKOWSKI, Gabriel; ZAJGNER, Jerzy

A new method for the examination of the small intestine with the aid of barium meal and sorbitol. Polski tygod. lek. 15 no.49: 1882-1884 5 D '60.

1. Z Zakladu Radiologii Lekarskiej W.A.M. w Lodzi; kierownik: dr med. G. Fialkowski.

(INTESTINE SMALL radiog) (BARIUM) (SORBITOL)

ZAJCNER, Jerzy; TRIEF, Herman

Value of biloptin in the radiodiagnosis of the biliary tract.  
Pol. tyg. lek. 20 no.9:314-315 1 Mr'65.

1.2 Zakładu Radiologii Lekarskiej Wojskowej Akademii Medycznej  
w Łodzi (kierownik: doc. dr. med. G. Fialkowski) i z III  
Kliniki Chorob Wewnętrznych Wojskowej Akademii Medycznej w  
Łodzi (kierownik: prof. dr. med. A. Himmel).

BROMOWICZ, Jan; ZAJGNER, Jozef

Angiomas of the spinal cord. Pol przegl. radiol. 28 no.4:  
329-334 J1-Ag '64.

1. Z Kliniki Neurochirurgicznej Wojskowej Akademii Medycznej  
w Lodzi (Kierownik: prof. dr med. J. Bromowicz) i z Zakladu  
Radiologii Lekarskiej Wojskowej Akademii Medycznej w Lodzi  
(Kierownik: dr med. G. Fialkowski).

BROMOWICZ, J.; MERT, B.; ZAJGNER, J.

Intraspinal hemorrhage from angioma of the spinal cord in labor.  
Neurologia etc. polska 11 no.6:852-860 '61.

1. Z Kliniki Neurochirurgii WAM w Lodzi i z Katedry Radiologii  
WAM w Lodzi.

(LABOR compl) (SPINAL CORD neopl) (HEMANGIOMA in pregn)



FEKNIK, Jiri, inz.; ZAJIC, Adolf, inz.

Reinforcement of permanent roads in great depths. Uhli 7 no.3:  
93-95 '65.

1. Scientific Research Institute of Coal, Ostrava-Radvanice.

TAJIC, R.

"Possibilities of soya in the food industry. (Conclusion)."

TRUMYSL IOSTAVIN. Praha, Czechoslovakia. Vol. 6, no. 10, 1955.

Monthly list of East European Accessions (EMAI), IC, Vol. 8, No. 6, Jun 59, Unclass

ZAJIC, Boris, inz.; SEDLACEK, Bohuslav A.J., RNDr., C.Sc.

Changes in the fat content of debittered groundnuts processed for their use in confectionery. Prum potravin 13 no.4:211-213 Ap '62.

1. Vyskumne pracoviste narodniho podniku Ceske cokoladovny, Praha (for Zajic). 2. Ustav pro vyzkum vyzivy lidu, Praha (for Sedlacek).

CERNY, V.; MALEK, B.; NAUS, A.; ZAJIC, B.

Possible differences in dust caused by grinding defatted and unaltered soy beans. Prac. lek 14, no.7:339-341 S '62.

1. Katedra hygieny prace lekarske fakulty hygienicke University Karlovy v Praze, vedouci doc. dr. V. Benes Oddeleni prevence chorob z povolani lekarske fakulty hygienicke KU v Praze, vedouci MUDr. A. Naus Vyzkumne pracoviste n.p. Ceske cokoladovny v Praze Oddeleni hygieny prace HES UNZ NV hl. m. Prahy, vedouci MUDr. A. Grunvald.

(DUST) (SOY BEANS) (OCCUPATIONAL DISEASES)  
(CONJUNCTIVITIES) (RESPIRATORY DISEASES) (OCCUPATIONAL DERMATITIS)  
(LIPIDS)

PUBLIC HEALTH

CZECHOSLOVAKIA

ZAJICEK, B.; RYBACEK, L.; KUNOVSKY, L.; Pharmaceutical Development Center (Rozvojove Lekarnicke Stredisko), Prague.

"Preliminary Determination of Requirements of Specialized Stations in Pharmacies."

Prague, Ceskoslovenska Farmacie, Vol 15, No 4, May 66, pp 180-192

Abstract [Authors' English summary modified]: The authors discuss the necessity to provide personnel and apparatus to perform certain specialized duties in certain locations, within the premise of a pharmacy. In the case of eyedrops, details of the number of prescriptions handled and the number of hours required to handle these and the necessity to provide specific facilities for this purpose are discussed. An average of 520 daily prescriptions should be handled at such a station. Similar details for the location of such facilities at hospitals are reviewed. 7 Tables, 7 Czech references. (Manuscript received 20 Aug 65).

1/1

POTMESIL, Vaclav, inz.; ZAJIC, Bohumil

Determination of the technical production level as a basis for  
mechanization and automation. Drevo 18 no.2:59-60 F '63.

1. Ministerstvo spotřebního průmyslu (for Potmesil). 2. Státní  
ústav ekonomicko-organizační, Ministerstvo spotřebního průmyslu,  
Praha (for Zajic).

POTMESIL, Vaclav; ZAJIC, Bohumil

Determining the technical standard as a basis for mechanization and automation of production. Kozarstvi 13 no.2:61-62 P '63.

1. Ministerstvo spotrebního průmyslu, Praha (for Potmesil).
2. Státní výzkumný ústav ekonomické organizace, Ministerstvo spotrebního průmyslu, Praha (for Zajic).

POTMESIL, Vaclav, inz.; ZAJIC, Bohumil

Determining the technical standard of production processes. Sklar a  
Keramik 13 no.2:45-46 F '63.

1. Ministerstvo spotřebního průmyslu, Praha (for Potmesil).
2. Státní výzkumný ústav ekonomickoorganizační, Praha (for Zajic).



ZAJIC, Fr., Dr.; KRIVINKA, R., Doc., dr.; POSPISIL, J., dr.;  
PROKES, S., rtg. lab.

Stratigraphy and roentgenologic stereography in diagnosis of  
pulmonary diseases. Cas. lek. česk. 91 no.22:651-658 30 May 52.

1. Z Ustavu pro klinickou fyziologii (prednosta prof. dr.  
J. Skladal), z II. plicniho oddeleni stat. obl. nemocnice na  
Bulovce (prednosta doc. R. Krivinka) a z prosektury stat. oblast.  
nemocnice na Bulovce (prednosta prof. dr. V. Jedlicka).

(LUNGS, radiography,

stereography & stratigraphy)

(TUBERCULOSIS, PULMONARY, diagnosis,

x-ray, stereography & stratigraphy)

ZAJIC, P.; SMETANKA, E.; ZATOPEK, A.

On the problem of ballistocardiography (seismocardiography).  
Chekh. fiziol. 2 no. 2: 209-221 '53. (MLRA 7:2)

1. Institut klinicheskoy fiziologii i geofizicheskoy institut  
universiteta im. Karla IV, Praha. (Ballistocardiography)

ZAJIC, F., and others.

"Impedance Plethysmography." p. 82,  
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 3, No. 1, Jan. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4  
No. 5, May 1955, Uncl.

ZAJIC, F.; FEJFAR, Z.; FRANCO, L.; BROD, J.

Impedance plethysmography. Chekh. fiziol. 3 no.3:355-361 1954.  
(PLETHYSMOGRAPHY,  
impedance plethysmography)

*ZAJIC, Fr.*

FEJFAR, Z.; ZAJIC, Fr. BERGMAN, K.; FEJFAROVA, M.H.

Impedance plethysmography. Cas. lek. cesk. 44 no.10:252-254 4 Mar 55.

1. Ustav pro choroby obehu krevniho, red. prof. Dr. Kl. Weber.  
(PLETHYSMOGRAPHY  
impedance)

Zajic, F.

Present state of research on blood and lymph circulation in Hungary.  
P. 123  
CESKOSLOVENSKA FYSIOLOGIE. (Ceskoslovenska akademie ved. Fy-  
siologicky ustav) Praha  
Vol. 5, no. 1, 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

ZAJIC, F.

Ucebnice fyziologie pro studující lékařství (Testbook of Physiology for Medical Students); a book review.

p. 446 (ČESKOSLOVENSKÁ FYZIOLOGIE) Vol. 6, no. 3, Aug. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

ZAJIC, F.

Circulatory changes in sudden anoxia. Cas. lek. cesk. 97 no. 37:1170-1173 12 Sept 58.

1. Ustav pro choroby obehu krevniho, feditel prof. Dr. K. Weber.  
(ANOXIA, physiol.  
eff. on circ. & resp. (Cz))  
(BLOOD CIRCULATION, in various dis.  
anoxia (Cz))  
(RESPIRATION, physiol.  
eff. of anoxia (Cz))



ZAJIC, F.; STANEK, M.; VOJTASEK, S.

"Measurement of the high-frequency characteristics of transistors."  
P. 361.

SLABOPROUDY OBZOR. (Ministerstvo presneho strojirenstvi, Ministerstvo  
spoju a Vedecka technicka spolecnost pro elektrotechniku pri CSAV).  
Praha, Czechoslovakia, Vol. 20, No. 6, June 1959.

Monthly list of East European Accessions (EFAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

23050

16.8000 (1031, 1121, 1132

Z/005/60/000/012/013/031  
A121/A127

AUTHOR: Zajič, František (Pardubice)

TITLE: None given

PERIODICAL: Vynálezy, no. 12, 1960, 7

TEXT: (21c, 46/50; Registered October 3, 1959; Patent Application 5656-59). Interpolation of the evaluation part of the receiving system of informational and/or control devices, consisting of one or more emitting systems and one or more receiving systems in which after the last amplifying circuit of the receiver, consisting of an electron tube or a transistor, a reactance two-terminal network is inserted, which is charged to the working oscillation frequencies of a signal pair emitted by the emitting system and received by the mentioned common receiver or processed at least by its last amplifier element. In this element, further, two or three electron tubes or transistorized detectors are interpolated, eventually also the circuits for the automatic control of the gain, whereby the entrance points of the detector are inserted behind the reactance two-terminal network. It is characterized by the inter-  
Card 1/2

X

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None given

Z/005/60/000/012/013/031  
A121/A127

pulation of one or more summation or difference indicators whereby the difference indicator or the difference indicators are inserted to the output branches of the mentioned detectors whereas the summation indicator or summation indicators are connected between the common node of the mentioned output branches and the secondary voltage source. On the reactance two-terminal network or detector output points the elements are connected, representing the circuit for the automatic control of the receiver gain and their output node is connected to a random amplifier element of the receiver. Six points of the definition of the patent follow.

X

Card 2/2

Epidemiology

CZECHOSLOVAKIA

UDC 616.233-002.2-036.22 (2)

STANEK, V.; FODOR, J.; HEJL, Z.; SANTRUCEK, M.; WIDIMSKY, J.;  
ZAJIC, F.; Institute for Blood Circulation Diseases (Ustav pro  
Onoroby Obehu Krevniho), Prague - Krc, Director (Reditel) Prof  
Dr J. BROD.

"Contribution to the Epidemiology of Chronic Bronchitis."

Prague, Casopis Lekaru Ceskych, Vol 105, No 26, 24 Jun 66, pp  
689 - 695

Abstract [Authors' English summary modified]: The method of a  
standard questionnaire was used to determine the prevalence of  
chronic bronchitis in men aged 60-64 years living in the district  
of Prague 2. A sample of 443 men was selected for X-ray and  
clinical examination. "Chronic bronchitis" was detected in 27.6%  
of the examined men. The incidence was clearly related to smok-  
ing. The socially weaker men, and those performing strenuous,  
physical work also showed a higher incidence, being heavier smokers  
at the same time. The relationship between pulmonary infection  
and the epidemiological diagnosis of chronic bronchitis is dis-  
cussed. 4 Figures, 6 Tables, 34 Western, 7 Czech references.  
(Manuscript received Nov 65).  
1/1

WIDIMSKY, J.; KASALICKY, J.; DEJDAR, R.; ZAJIC, F. Technical assistance:  
VALOVA, E.; JOZIFKOVA, B.; TROUSIL, V.

Central haemodynamics during muscular exercise in subjects  
with normal heart and lungs. Cor vasa 7 no.2:143-149 '65

1. Institute for Cardiovascular Research, Czechoslovakia.

FEJFAR, Z.; ZAJIC, S.; FEJFAROVA, M.

Cardiopulmonary function during adrenergic beta receptor blockade. Cor vasa 7 no.4:273-286 '65.

1. Institute for Cardiovascular Research, Prague.

SAMANEK, M.; VAVROVA, V.; ZAJIC, F.; VOKAC, Z.

Diagnosis of disorders of acid-base equilibrium by analysis of expired air. Cesk. pediat. 19 no.8:707-712 Ag '64.

1. Katedra fakultní pediatrie a Ustav vyzkumu vyvyje ditete fakulty detsekho lékařství v Praze (vedouci prof. dr. J. Houstek) a Ustav pro choroby obehu krevního v Praze (reditel prof. dr. J. Brod).

SAMANEX, M.; ZAJIC F.

Determination of the dead space and alveolar ventilation with reference to pediatrics. Cesk. pediat. 19 no.12:1078-1083 D '64

1. Katedra fakultní pediatrie fakulty dětského lékařství Karlovy University v Praze (vedoucí prof. dr. J. Houstek, DrSc.) a Ústav pro choroby oběhu krve v Praze (ředitel prof. dr. J. Brod. DrSc.).



ZAJIC, F.; TRMINEK, J.

Differential optical manometer and its use. Cesk. fysiол. 13  
no. 2: 170-174 Jan 1964

1. Ustav pro choroby obehu krevniho, Praha.

\*

ZAJIC, F.; SAMANEK, M.

Determination of the heart minute volume in rabbits by the thermodilution method. Cesk. fysiolo. 13 no.2:165-169 Ja'64

1. Ustav pro choroby obehu krevniho, Praha.

\*

ZAJIC, F.; PEJFAROVA, M.; HLAVOVA, A.; with the technical assistance of  
JOZIFKOVA, B.; VOJTOVA, M.

Experimental pulmonary edema produced by alloxan. III. Haemodynamic  
and respiratory changes in vagotomised dogs. Cor Vasa 4 no.1:42-52  
'62.

1. Institute for Cardiovascular Research, Prague.  
(PULMONARY EDEMA exper) (ALLOXAN toxicol)  
(VAGOTOMY exper) (RESPIRATION physiol)  
(BLOOD CIRCULATION physiol)

ZAJIC, F.; FEJFAR, Z.; FEJFAROVA, M.; HLAVOVA, A.

Investigation of manifestations of cardiac insufficiency. Rev. czech.  
med. 8 no.3:152-158 '62.

1. Institute of Cardiovascular Research, Prague; Director: Academician  
K. Weber.

(HEART FAILURE, CONGESTIVE) (PULMONARY EDEMA)

9.8000  
S/194/62/000/011/021/062  
D201/D308

AUTHOR: Zajíc, František

TITLE: A circuit for connecting the decoding section of the receiving system of the data control arrangements

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 11, 1962, 83, abstract 11-2-165d (Czech. pat., cl. 21c, 46/50, no. 99884, Jun. 15, 1961)

TEXT: Data transmission and control systems, operating on the basis of binary signal decoding, are suggested. In these systems a reactance two-pole, tuned to the operating frequencies of two transmitted signals, is connected to the output of last vacuum tube or transistor amplifier stages. The proposed circuit, unlike the existing ones, utilizes a minimum number of components, excludes the possibility of false information due to failure of any of the circuit components and improves the characteristic of the discriminator. The circuit may be designed either with vacuum tubes or with transistors. 2 figures. [Abstracter's note: Complete translation.]

Card 1/1

ZAJIC, František

Current status of ballistocardiography. Cas.lek,cesk 100 no.24/25:  
Lek Veda Zahr:128-132 23 My '61.

1. Ustav pro choroby obehu krevniho, Praha, reditel akademik  
Klement Weber.

(BALLISTOCARDIOGRAPHY)

FEJFAR, Z.; ZAJIC, Fr.; FEJFAROVA, M.

Experimental pulmonary edema. 1. Hemodynamic changes. (Cesk. fysiол.  
8 no.3:185 Apr 59.

1. Ustav pro choroby ohnihu krevního, Praha. Predneseno na III.  
fysiologických dnech v Brně dne 13. 1. 1959.

(PULMONARY EDEMA, exper.

hemodynamic eff. in dogs (Cz))

(BLOOD PRESSURE, physiол.

eff. of exper. pulm. edema in dogs (Cz))

ZAJIC, F.; VEJFAR, Z.; VEJFAROVA, M.

Experimental alloxan pulmonary edema. II. Respiratory changes.  
Cesk. fysiол. 8 no.3:262 Apr 59.

1. Ustav pro choroby obehy krevniho, Praha. Predneseno na III.  
fysiologickych dnech v Brne dne 13. 1. 1959.

(ALLOXAN, eff.

exper. pulm. edema, resp. changes (Cz))

(PULMONARY EDEMA, exper.

alloxan-induced, resp. changes (Cz))



CZECHOSLOVAKIA

ZAJIC, Josef

Engineering Geology and Hydrogeology Research Center  
(Inženýrsko-geologický a hydrogeologický průzkum),  
Prague

Prague, Vestník ústředního ústavu geologického, No 2,  
March 1966, pp 81-90

"Rock mechanics in relation to engineering geology."

POPELKA, S., ZAJIC, J.

Modified permanent suction drainage and its use in orthopedics and traumatology. Acta chir. orthop. traum. cech. 30 no.5:409-411 0'63.

1. II. klinika pro ortopedickou chirurgii fakulty detského lékařství KU v Praze, přednosta prof. dr. O. Hněvkovsky, DrSc.

\*

ZAJIC, Jaroslav, inz.

Measurement of high inlet and outlet resistance of fourpoles with  
transistors. Sdel tech 10 no.11-431 N '62.

ZAJIC, Jaroslav, inz.

Logarithmic voltage changer. Slaboproudý obzor 24 no.8:465-  
469 Ag '63.

1. Ústav radiotechniky a elektroniky, Československá akademie  
věd, Praha.

ZAJIC, JIRI

Czechoslovakia/Chemical Technology. Chemical Products and Their Application --  
Fats and oils. Waxes. Soap. Detergents.  
Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6412

Author: Zajic, Jiri; Marecek, Vladimir

Institution: None

Title: Determination of the Milk Content in Vegetable Fat Emulsified with  
Milk

Original

Publication: Prumysl potravin, 1956, 7, No 1, 24-25

Abstract: Description of a chromatographic method for the determination of lactose and its cleavage products in margarine and other milk containing products. 10 g of the fat under study are heated in a beaker at 70°, transferred to a separatory funnel, the beaker is rinsed with petroleum ether (3 times, 10 ml each), 3 ml water are added, followed by 20 ml petroleum ether. Contents of the funnel are shaken, allowed to separate for 15 minutes after which the aqueous layer is drawn off.

Card 1/2

Czechoslovakia/Chemical Technology. Chemical Products and Their Application --  
Fats and oils. Waxes. Soap. Detergents.  
Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6412

Abstract: Then 5 ml of water are added into the separatory funnel and the extraction process is repeated. The aqueous extracts are combined, filtered and subjected to chromatography on Whatman No 1 paper, using as a solvent a mixture of n-butanol,  $\text{CH}_3\text{COOH}$  and water in the proportions of 4:1:5, and as developer a solution of  $\text{AgNO}_3$  in acetone. The method has been adopted as a standard analytical method and is used for qualitative determination of milk in the above-stated fats.

Card 2/2

POKORNY, Jan, inz. CSc.; VRANA, Jan, inz.; ZAJIC, Jiri, inz. CSc.

Bleaching purified cotton seed fat acids. Pt.2. Prum potravín 16  
no.1:43-44 Ja '65.

1. Higher School of Chemical Technology, Prague. Submitted  
June 6, 1964.

ZAJIC, Jiri, inz. CSo.; VRANA, Jan, inz.; POKORNY, Jan, inz. CSo.

Bleaching of refined cotton seed fat acids. Prum potravin  
15 no.9:475-477 3 '64.

1. Higher School of Chemical Technology, Prague.



ZAJIC, Jiri

COUNTRY:	: Czechoslovakia	H-26
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	19713
AUTHOR	: Zajic, J.	
INST.	: Prague Chemical Engineering College	
TITLE	: The Quantitative Determination of Small Amounts of Reducing Sugars	
ORIG. PUB.	: Sb Vysoke Skoly Chem-Technol Praze, Odd Fak Potravni Technol, 1, 275-282 (1957)	
ABSTRACT	: A method has been developed for the quantitative determination of sugars (lactoses, glucoses, galactoses). A measured amount of unknown sugar solution is deposited on Whatmann No 1 paper and chromatographed for 24 hrs at 20°, after which the chromatogram is dried, developed with a solution of silver nitrate (30 drops of saturated AgNO <sub>3</sub> solution are dissolved in 100 ml anhydrous acetone and 10 ml of water are added to the solution), and dried at 50°. The reduction of the silver is carried out by	
CARD:	1/4	

COUNTRY : Czechoslovakia  
CATEGORY :

H-26

ABS. JOUR. : RZKhim., No. 5 1960, No.

1971

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : immersing the chromatogram for exactly 3 min in 0.25 N alcoholic KOH. When the silver has been converted to a complex which does not react (with 1% ammonia solution), the chromatogram is sprayed with water, left for 10 min in 20% sodium sulfate solution, washed well, and dried. The black spots which form on the paper are cut out, ignited, and the ashes are treated with several drops of nitric acid. The silver nitrate obtained is dissolved in 3 ml of warm water, the solution is transferred to

CARD: 2/4

352

COUNTRY:	: Czechoslovakia	H-26
CATEGORY	:	
ABS. JOUR.	: RZKha., No. 5 1960, No.	19713
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	<p>a 25-ml flask, and 2.5 ml of 10% sucrose solution and 1 ml of a 0.3% solution of thiourea in 10% Na<sub>2</sub>CO<sub>3</sub> are added, the resulting solution is stirred, and the volume is adjusted to the mark. The brown color of the solution produced by the formation of colloidal silver from Ag to S [unclear] is measured photocolorimetrically. A blank is run with a circle of paper from the same chromatogram of identical size but without the silver spot. The sugar content is calculated from a calibration curve con-</p>	
CARD:	3/4	

COUNTRY : Cze.hoslovakia  
CATEGORY :

H-26

ABS. JOUR. : RZKhim., No. 5 1960, No.

19713

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : structured from solutions with precisely known AgNO<sub>3</sub> concentrations. The error in the determination of sugar by the above procedure does not exceed 10% for individual spots with an average of 5% for 5 spots.

Ye. Shnayder

CARD: 4/4

353

**ZAJIC, Jiri, inz., ScC.**

Effect of mineral salts on polyglycerol formation. Prum  
potravin 14 no.5:274-276 My '63.

1. Vysoka skola chemickotechnologicka, fakulta potravinarske  
technologie, katedra mleka a tuku, Praha.

*Sept*

*fats*

ZAJIC, Josef, inz., kandidat geologicko-mineralogickych ved

Bolts from steel cable in anchoring in a rocky massif.  
Geol pruzkum 6 no.4:119-120 Ap '64.

1. Central Geological Office, Prague.

ZAJIC, Josef

Conference of the International Society of Rock Mechanics in Salzburg.  
Vest Ust geol 39 no.4:307-308 '64

ZAJIC, K.

Skeleton propeller. Tr. from the Czech. (To be contd.). p.15.

(SKRZYDLATA POLSKA. Vol. 13, No. 27, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.



ZAJIC, Miloslav

Practical methods for planning the electric power consumption.  
Energetika Cz 13 no.4:191-194 Ap '63.

PEPRNY, J., inz.; ZAJIC, V., inz., dr.

Automatically controlled wind tunnel for testing blade  
grids. Strojirenstvi 12 no.10:775-780 10 0 '62.

1. Leninovy zavody, Plzen (for Peprny); 2. Ceskoslovenska  
akademie ved, Praha (for Zajic).

S. A.

Sect. B

*Installation, Koshigun*

1955. A new 3 000 V high speed d.c. circuit-breaker  
for traction purposes. V. Zlaty. *Elektrazach. Obz.*  
No. 293-304 (No. 13-18, 1951) in Check.

The operating mechanism of this breaker is based on  
the repulsion between two coaxial coils carrying  
currents in the same direction. A fixed coil is con-  
nected in series with the main circuit; a moving coil,  
short-circuited and mounted close to it, is mechan-  
ically linked with the operating mechanism. On a  
sudden increase of current in the main circuit, an  
e.m.f. is induced in the moving coil. The resulting  
current together with the current flowing in the main  
coil, produce a repulsive force of sufficient magnitude  
to trigger the release mechanism and so assist the  
springs in opening the main contacts. The contact  
speed is therefore a function of the intensity as well  
as the rate of increase of the main current. The arc-  
chute of the breaker is also of novel construction and  
possesses meander-shaped fingers or ribs for breaking  
up and extinguishing the arc. Test results and  
oscillograms are shown.

M. MULLER

Z/032/61/011/002/006/013  
E073/E335

AUTHOR: Zajic, V., Engineer Doctor

TITLE: Static Pressure Indicators

PERIODICAL: Strojirenství, 1961, Vol. 11, No. 2,  
pp. 135 - 138

TEXT: A frequent task in aerodynamic and hydrodynamic measurements is the determination of the total static and dynamic pressure and the local direction of the flow at various points. For this purpose, three-hole cylindrical probes (Fig. 1) are used most frequently for measurements in two-dimensional subsonic flows. The central hole will measure directly the total pressure  $P_c$  if the reference pressures  $P'_a$  and  $P''_a$  are equal ( $P'_a = P''_a = P_a$ ). This position of the probe also indicates the direction of flow. The static pressure can be determined by means of the relation:

$$P_s = P_c - \frac{P_c - P_a}{k_a} \quad (2)$$

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E073/E335

### Static Pressure Indicators

The validity of this equation remains unchanged if the absolute pressures  $p$  are substituted by the pressure differences  $\Delta p = p - p_o$ , where  $p_o$  is the atmospheric or any other comparison pressures. Consequently, the following is valid:

$$\Delta p_s = \Delta p_c - \frac{\Delta p_c - \Delta p_a}{k_a} = \Delta p_c - \frac{p_c - p_a}{k_a} \quad (3) .$$

$k_a$  is a coefficient which has to be determined by calibrating in an air flow at atmospheric pressure. If a large number of measurements have to be made, calculation of the static pressure  $p_s$  by means of Eqs. (2) and (3) becomes very laborious. In earlier work (Refs. 6, 7) the author proposed using simple analogue computers for computing

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E073/E335

### Static Pressure Indicators

the static pressure which can be used directly as indicators of this parameter. Fig. 3 shows a schematic sketch of a static pressure indicator with two liquids, which was designed by the author of this paper and built and tested by Engineer Peprný and his team at the engineering research laboratories of Zavod V.I. Lenina (V.I. Lenin Works), Pilsen. The operation of this instrument is based on Eq. (3). It has three U-shaped tubes with arms 1-1', 2-2', 3-3', which are fixed parallel to each other on a common vertical or inclined flat base D. The tube 2-2' is filled with alcohol dyed red of the specific gravity  $\gamma_L$  and indicates the pressure difference  $p_c - p_a$ . The tube 1-1' is filled with a blue aqueous solution of  $\text{CuSO}_4$  of the specific weight  $\gamma_R$  and indicates the total over-pressure  $\Delta p_c = p_c - p_o$ . The static over-pressure  $\Delta p_s = p_s - p_o$  will then be proportional

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3/032/61/011/002/006/013  
E073/E335

# Static Pressure Indicators

to the difference between the heights of the blue and red columns and can easily be followed by means of mobile scale S with divisions in appropriate units. If  $p_s = p_o$ , the difference  $l_o - l_a$  must also be zero. Most frequently,

$k_a \approx 0.8$ ,  $\gamma_L \approx 0.8$  and therefore  $\gamma_R$  will approach the value 1 provided that the tubes 1-1' and 2-2' have approximately the same cross-section f. The third tube 3-3' is for indicating the correct setting of the cylindrical probe into the direction of the flow; it can have any cross-section and be filled with any liquid. By suitable combination of liquids and various cross-sections of the pressure-gauge tubes, it is possible to use this instrument also for other types of flow probes. Instead of symmetrical U-tubes, it is also possible to use U-tubes for which in one arm the movement of the liquid level is suppressed, as shown

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E073/E335

#### Static Pressure Indicators

in Fig. 4. This enables doubling the height of the columns indicating the measured pressure values. Due to nonuniformities in the tube diameter, measuring errors of 1-2% are introduced but still more accurate results can be obtained by using calibrated burettes. Static-pressure indicators designed on the basis of the here described principles can be simply and easily manufactured and are suitable for numerous practical tasks in experimental aerodynamics and hydrodynamics. There are 5 figures and 8 references: 7 Czech and 1 non-Czech. ✓

ASSOCIATION: ČSAV, Prague

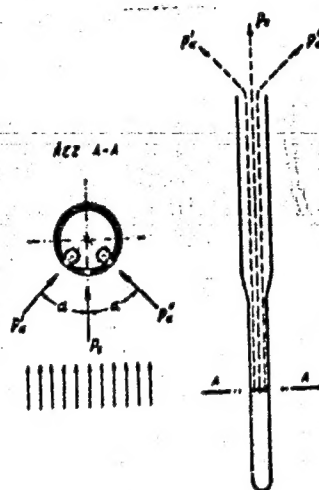
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Z/032/61/011/002/006/013  
E073/E335

Static Pressure Indicators

Fig. 1:



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Obr. 1. Válcová tlaková sonda



ZAJIC, V.

"Noise made by whirl burners." p. 303; "Bearers of the Order of the Republic and the Order of Labor in the field of metallurgy in 1953." p. 307 (Hutnicka Listy Vol. 8, no. 6, June 1953. Brno.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Uncl.

ZAJIC, V : TAIMR, V

"Residual Current Measurement in a Magnetic Circuit Breaker During Short Circuit Interruption", p. 375 (ELEKTROTECHNICKY OBZOR, Vol. 42, No. 7/8 July/Aug. 1953, Praha, Czechoslovakia)

SO: Monthly List Of East European Accessions, LC, Vol. 3, No. 5 May 1954, Unclassified